



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/482,684	01/14/2000	Takenori Idehara	325772014000	7340
7590	07/22/2005			EXAMINER
Barry E. Bretschneider Morrison & Foerster LLP 1650 Tysons Blvd. Suite 300 McLean, VA 22102			BRINICH, STEPHEN M	
			ART UNIT	PAPER NUMBER
			2624	
			DATE MAILED: 07/22/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/482,684	IDEHARA, TAKENORI
	Examiner Stephen M. Brinich	Art Unit 2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 13 May 2005.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-16 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) 1-7 and 14-16 is/are allowed.
 6) Claim(s) 8-13 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____.
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____.

DETAILED ACTION

Claim Objections

1. Claim 9 is objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form.

The sole limitation recited by claim 9 (that the second image data is bitmap data) is recited in parent claim 8.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 8-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Onodera.

Re claims 8-13, Onodera discloses (Figure 3; column 5, line 10 - column 7, line 2; particularly column 6, lines 17-54), an arrangement for receiving page description language image data (compressed raster -- i.e. bitmap -- data) and converting (expanding) this input data to image raster (bitmap) data. The time required for this conversion is compared with the time required for transferring raster data (step S307; column 6, lines 44-46). If the former is shorter then a new compression means is selected for the page description language data (step

307), which inherently requires the retention and storage of this data until this selection is completed. The raster data is then used to produce a printout.

Allowable Subject Matter

4. Claims 1-7 & 14-16 are allowed.
5. The following is a statement of reasons for the indication of allowable subject matter:

Re claims 1, 3, & 14 (and dependent claims 2 & 4-7), the art of record does not teach or suggest the recited comparison of the volumes of first image data and third image data, where the first image data is the originally received data and the third image data is the result of compressing second image data produced by developing the first image data, and then conditionally storing image data based on the comparison result.

Re claims 15-16, the art of record does not teach or suggest the recited conditional (based on whether image data of two previous pages are stored as second rather than first image data) comparison of first image data developing time and a second time required for printing a recording medium

Response to Arguments

6. Applicant's arguments, see Response filed 5/13/05, with respect to claims 8, 10, & 13 (and dependent claims 9 & 11-12) have been fully considered but they are not persuasive.

Art Unit: 2624

Re claim 8, Applicant argues (5/13/05 Response: page 7, line 5 - page 8, line 9) that the development of the "page description language" of Onodera corresponds to steps S301-S305 of Onodera, and that this development timing is inconsistent with that recited in the claim language.

Upon further consideration, Examiner has made a new rejection, reading the claimed "page description language" upon the compressed raster data of Onodera, which is "developed" into a raster bitmap in the decompression process (the timing of which is determined and compared in step S307 of Onodera).

Re claim 8, Applicant further argues (5/13/05 Response: page 8, line 10 - page 9, line 10) that Onodera discloses the storage of compressed raster data in accordance with the result of the Onodera time comparison.

As noted above, upon further consideration, Examiner has read the claimed "page description language" upon this compressed raster data of Onodera.

Re claims 10 & 13 (and dependent claims 9 & 11-12), Applicant argues (5/13/05 Response: page 9, lines 11-13) that these claims are allowable for the same reasons as claim 8.

Applicant's arguments re claim 8 are addressed above.

Conclusion

7. Any inquiry concerning the contents of this communication or earlier communications from the examiner should be directed to Stephen M. Brinich at 571-272-7430.

Any inquiry relating to the status of this application or proceeding or any inquiry of a general nature concerning application processing should be directed to the Tech Center 2600 Customer Service center at 571-272-2600 or to the USPTO Contact Center at 800-786-9199 or 703-308-4357.

The examiner can normally be reached on weekdays 7:00-4:30, alternate Fridays off.

If attempts to contact the examiner and the Customer Service Center are unsuccessful, supervisor David Moore can be contacted at 571-272-7437.

Faxes pertaining to this application should be directed to the Tech Center 2600 official fax number, which is 571-273-8300 (as of July 15, 2005).

Art Unit: 2624

Hand-carried correspondence may be delivered to the Customer Service Window, located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

Stephen Brinich
Stephen M Brinich
Examiner
Art Unit 2624

smb
July 20, 2005